ALBERTA GROSS DOMESTIC PRODUCT

1987

PRELIMINARY ESTIMATES

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PREFACE

The Alberta Bureau of Statistics will release the annual Alberta Economics Accounts, 1987 approximately 12 months after the reference year. This report, the preliminary release, of the consolidated tables is provided to users who require more timely indicators as to how the economy performed in 1987. Since these are preliminary estimates, revisions will occur when final data become available later this year.

In the 1986 economic accounts publication, we presented a complete historical revision to complement Canada's national accounts revisions released the previous year. Although most series remain the same as those released in 1986, there have been a few revisions to the methodology which have affected the historical data. First, government current expenditure on goods and services was revised for 1961 to 1986 as a result of changes to the distribution between wages and salaries and expenditure on other goods and services. This change affected both the current and constant dollar estimates. Second, there were minor changes in personal expenditures and imports for 1971 to 1986. Some changes to other series occurred from 1981 onwards as a result of revised data obtained since the 1986 accounts were calculated.

This report contains data for 1974 to 1987. The revised data for 1961 to 1973 are available on ASIST or can be obtained by contacting:

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INTRODUCTION

This report contains summary tables detailing Alberta's economic production in 1987 as measured by preliminary estimates of gross domestic product (GDP). The tables include preliminary estimates of GDP and its components for both the income and expenditure accounts. We also have included tables showing constant dollar estimates of the expenditure account, implicit price indexes, and gross domestic product by industry as well as year-over-year percent changes for each of the tables. As noted in the discussion on revisions in the preface, the final data will be released later this year with the publication, Alberta Economic Accounts, 1987.

As ongoing users are aware, estimates of economic accounts data are subject to revisions for three or four years previous to the current year, since some data, such as those based on detailed surveys or tax related information, are not finalized until several years after the reference year. In calculating the 1987 estimates, we have also revised additional historical data for two series. Government current expenditure on goods and services was revised for 1961 to 1986 and personal expenditure was revised for 1971 to 1986, both because of methodological changes. The import series, which is partially based on these components, and overall GDP were as a result both revised as well.

The narrative and explanatory notes presented in this report are condensed in comparison to the annual publication. Readers are encouraged to consult the annual Alberta Economic Accounts publication for more complete information on concepts and methodology as well as more detailed information on the different sectors of the Alberta economy.

THE ALBERTA ECONOMY IN 1987

Preliminary estimates show that the Alberta economy recovered from the slowdown registered in 1986. Gross domestic product, (GDP), which measures the total value of goods and services produced in the province, rose from $56.8 billion to $58.8 billion, an increase of 3.6% and a marked turnaround after last year's decline of 9.9%. The main components driving this recovery were the value of exports, which grew by 4.6% after dropping by over 28% in 1986, and residential construction, which increased 30.5%, registering its highest rate of growth since 1978.

The value of GDP in constant (1981) dollars grew by 3.7%. The components with the highest rate of growth in constant dollars were residential construction (24.5%), machinery and equipment (10.1%) and exports (8.9%).

The implicit price index for GDP, which is used as a measure of price change for the economy as a whole, was virtually unchanged, dropping 0.1%. Sectors recording price declines included exports (-3.9%) and non-residential construction (-1.0%), while those where prices increased included residential construction (4.8%), government spending (4.6%) and consumer expenditures (3.8%).

Highlights of the Expenditure Account:

- Personal expenditure on goods and services grew by 4.3% in current dollars, which is down from the 6.1% growth rate obtained in 1986. In constant dollars, personal expenditures grew only slightly (0.5%) as a result of prices climbing by 3.8%.

- Government current expenditure, which measures the level of current operating expenditures for all levels of government, recorded a small increase of 2.7% in current dollars, up slightly from the 1.6% growth registered last year. Government expenditures in constant dollars declined by 1.9% for the second consecutive year.

- Gross fixed capital formation expenditures reached $13.3 billion, up 3.8% over the 1986 level. Within this group, residential construction had the strongest growth by jumping 30.5%, while investment in new machinery and equipment grew by 9.7% -- its first year of growth since 1981. Both government (-13.4%) and non-residential (-1.5%) construction registered declines during the year. After discounting for price changes, the overall total for gross fixed capital formation grew by 3.4%.

- Total exports rebounded during the year with an increase of 4.6%, after declining by 28.4% in 1986. The recovery would have been greater except the prices of natural gas, sulphur, coal and grains all declined during the year, offsetting the increase in oil prices. The overall price index for exports declined by 3.9%, resulting in an 8.9% growth in constant dollar exports.

- The value of imports grew by 4.5% (3.2% in constant dollars), mainly as a result of the increased investment in new machinery and equipment.

- Due to the growth in exports, Alberta's trade surplus still grew, from $4.0 billion to $4.2 billion in current dollars, and from $11.6 billion to $13.5 billion in constant dollars.

Highlights of the Income Account:

- The growth rate of the wages and salaries component was 3.6% in 1987, double the growth attained in 1986.

- Corporation profits before taxes partially recovered from the dramatic 47.1% decline in 1986 by jumping over 32% in 1987, although the overall level of $9.1 billion still remains much below the peak value of almost $13 billion attained in 1985.

- Interest and miscellaneous investment income fell by 7.4% for an unprecedented second consecutive year of decline.

- Farm income declined by almost 26% after jumping by over 232% in 1986, but still attained its second highest level since 1980.

The following tables present detailed data for the components of GDP along with their annual growth rates. Tables for GDP by industry are also included. Data for 1961 to 1973 are available on ASIST or by request.

TABLE 1

GROSS DOMESTIC PRODUCT, INCOME BASED

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
						(MILLIONS OF DOLLARS)								
WAGES, SALARIES AND SUPPLEMENTARY LABOUR INCOME (2)	6,129	7,534	8,960	10,423	11,924	14,107	17,000	21,030	23,147	23,207	23,961	25,757	26,213	27,148
CORPORATION PROFITS BEFORE TAXES	3,023	3,765	4,041	4,967	5,799	7,733	9,388	8,514	8,426	10,358	11,952	12,981	6,864	9,067
INTEREST AND MISCELLANEOUS INVESTMENT INCOME	1,540	2,058	2,757	3,371	4,579	5,743	7,221	8,466	9,602	10,055	11,203	11,693	9,344	8,657
ACCRUED NET INCOME OF FARM OPERATORS FROM FARM PRODUCTION (3)	736	724	595	329	601	765	894	711	533	312	325	329	1,095	811
NET INCOME OF NON-FARM UNINCORPORATED BUSINESS, INCLUDING RENT	607	702	829	937	1,040	1,141	1,273	1,425	1,653	1,978	2,268	2,501	2,784	3,024
INVENTORY VALUATION ADJUSTMENT	-243	-171	-134	-255	-350	-546	-635	-650	-404	-220	-224	-177	-86	-195
NET DOMESTIC INCOME AT FACTOR COST	11,792	14,612	17,046	19,772	23,593	28,943	35,141	39,496	42,957	45,690	49,485	53,084	46,214	48,512
CAPITAL CONSUMPTION ALLOWANCES	1,817	2,105	2,520	2,936	3,416	4,354	5,380	6,540	7,338	7,891	8,584	9,071	9,648	10,295
BUSINESS	1,609	1,863	2,246	2,625	3,058	3,940	4,901	5,960	6,661	7,136	7,762	8,177	8,693	9,258
GOVERNMENT	208	242	274	311	358	414	479	580	677	755	822	894	955	1,037
GROSS DOMESTIC PRODUCT AT FACTOR COST	13,609	16,717	19,566	22,708	27,009	33,297	40,521	46,036	50,295	53,581	58,069	62,155	55,862	58,807
INDIRECT TAXES	2,313	2,104	1,964	1,935	1,878	2,260	2,494	3,938	4,279	4,029	4,457	4,214	3,815	3,707
SUBSIDIES	-222	-259	-257	-293	-407	-499	-648	-692	-1,951	-2,825	-3,485	-2,817	-2,115	-2,339
RESIDUAL	349	423	594	383	320	782	980	1,231	997	328	-302	-491	-745	-1,335
GROSS DOMESTIC PRODUCT AT MARKET PRICES	16,049	18,987	21,867	24,733	28,800	35,840	43,347	50,513	53,620	55,113	58,739	63,061	56,817	58,840

(1) PRELIMINARY - SUBJECT TO REVISION
(2) INCLUDES MILITARY PAY AND ALLOWANCES
(3) INCLUDES ADJUSTMENT ON GRAIN TRANSACTIONS

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

NOTE: DATA FOR 1961 TO 1987 FOR THIS TABLE CAN BE RETRIEVED FROM ASIST, MATRIX 6100

TABLE 2

GROSS DOMESTIC PRODUCT, EXPENDITURE BASED

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
						(MILLIONS OF DOLLARS)								
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	6,964	8,214	9,609	10,811	12,247	14,423	17,188	20,525	22,318	23,547	24,540	26,609	28,228	29,444
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES (2)	2,035	2,526	3,027	3,372	3,756	4,512	5,015	6,282	7,155	8,213	9,120	9,881	10,036	10,303
GROSS FIXED CAPITAL FORMATION	4,046	5,296	7,295	8,239	9,998	12,666	15,125	19,440	18,775	14,273	12,619	13,918	12,804	13,284
GOVERNMENT	489	683	696	827	911	1,076	1,428	2,192	2,842	2,266	1,873	2,105	2,118	1,834
RESIDENTIAL CONSTRUCTION	3	2	3	3	5	5	6	7	7	19	9	12	13	7
NON-RESIDENTIAL CONSTRUCTION	434	604	608	727	817	916	1,211	1,903	2,530	2,008	1,617	1,894	1,839	1,515
MACHINERY AND EQUIPMENT	52	77	85	97	89	155	211	282	305	239	247	199	266	312
BUSINESS	3,557	4,613	6,599	7,412	9,087	11,590	13,697	17,248	15,933	12,007	10,746	11,813	10,686	11,452
RESIDENTIAL CONSTRUCTION	817	1,023	1,842	2,061	2,797	3,137	3,077	3,416	2,780	2,171	1,529	1,637	1,769	2,308
NON-RESIDENTIAL CONSTRUCTION	1,496	2,084	2,425	3,045	3,530	5,029	6,996	8,697	8,379	6,105	5,791	6,791	5,719	5,636
MACHINERY AND EQUIPMENT	1,244	1,506	2,332	2,306	2,760	3,424	3,624	5,135	4,774	3,731	3,426	3,385	3,198	3,508
INVENTORIES	228	293	337	113	336	639	525	88	-1,038	-644	-300	57	960	229
NON-FARM	287	194	257	213	197	597	379	118	-987	-451	103	145	185	178
FARM	-66	74	95	-56	135	76	100	2	-49	-219	-373	-5	645	60
GRAIN IN COMMERCIAL CHANNELS	7	25	-15	-44	4	-34	46	-32	-2	26	-30	-83	130	-9
EXPORTS OUT OF ALBERTA	8,140	9,270	9,886	11,181	12,961	16,846	21,175	23,709	25,906	27,350	30,032	31,308	22,432	23,460
IMPORTS INTO ALBERTA	-5,035	-6,189	-7,693	-8,600	-10,178	-12,465	-14,701	-18,381	-18,700	-17,498	-17,575	-19,203	-18,389	-19,218
RESIDUAL	-349	-423	-594	-383	-329	-781	-980	-1,230	-996	-328	383	491	746	1,336
GROSS DOMESTIC PRODUCT AT MARKET PRICES	16,049	18,987	21,867	24,733	28,800	35,840	43,347	50,513	53,620	55,113	58,739	63,061	56,817	58,840

(1) PRELIMINARY - SUBJECT TO REVISION
(2) CURRENT REFERS TO CURRENT OPERATING EXPENDITURES ON GOODS AND SERVICES, RATHER THAN FIXED CAPITAL EXPENDITURES

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

NOTE: DATA FOR 1961 TO 1987 FOR THIS TABLE CAN BE RETRIEVED FROM ASIST, MATRIX 6100

TABLE 3

PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT, INCOME BASED

(SELECTED COMPONENTS)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
	(PERCENT)													
WAGES, SALARIES AND SUPPLEMENTARY LABOUR INCOME	23.9	22.9	18.9	16.3	14.4	18.3	20.5	23.7	18.1	8.3	3.2	7.5	1.8	3.6
CORPORATION PROFITS	41.1	24.5	7.3	22.9	16.8	33.4	21.4	-9.3	-1.0	22.9	15.4	8.6	-47.1	32.1
INTEREST AND MISCELLANEOUS INVESTMENT INCOME	86.2	33.6	34.0	22.3	35.8	25.4	25.7	17.2	13.4	4.7	11.4	4.4	-20.1	-7.4
ACCRUED NET INCOME OF FARM OPERATORS	25.8	-1.6	-17.8	-44.7	82.7	27.3	16.9	-20.5	-25.0	-41.5	4.2	1.2	232.8	-25.9
NET INCOME OF NON-FARM UNINCORPORATED BUSINESS	5.6	15.7	18.1	13.0	11.0	9.7	11.6	11.9	16.0	19.7	14.7	10.3	11.3	8.6
CAPITAL CONSUMPTION ALLOWANCES	23.3	15.9	19.7	16.5	16.3	27.5	23.6	21.6	12.2	7.5	8.8	5.7	6.4	6.7
GROSS DOMESTIC PRODUCT AT FACTOR COST	30.5	22.8	17.0	16.1	18.9	23.3	21.7	13.6	9.3	6.5	8.4	7.0	-10.1	5.3
INDIRECT TAXES LESS SUBSIDIES	148.3	-11.7	-7.6	-3.8	-10.4	19.7	4.8	75.8	-28.3	-48.3	-19.3	43.7	21.7	-19.5
GROSS DOMESTIC PRODUCT AT MARKET PRICES	40.8	18.3	15.2	13.1	16.4	24.4	20.9	16.5	6.2	2.8	6.6	7.4	-9.9	3.6

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

TABLE 4

PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT, EXPENDITURE BASED

(SELECTED COMPONENTS)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
	(PERCENT)													
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	20.1	17.9	17.0	12.5	13.3	17.8	19.2	19.4	8.7	5.5	4.2	8.4	6.1	4.3
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES	19.0	24.1	19.8	11.4	11.4	20.1	11.1	25.3	17.1	11.7	11.0	8.3	1.6	2.7
GROSS FIXED CAPITAL FORMATION	32.1	30.9	37.7	12.9	21.3	26.7	19.4	28.5	-3.4	-24.0	-11.6	10.3	-8.0	3.8
GOVERNMENT	45.1	39.7	1.9	18.8	10.2	18.1	32.7	53.5	29.7	-20.3	-17.3	12.4	0.6	-13.4
BUSINESS	30.5	29.7	43.1	12.3	22.4	27.5	18.2	25.9	-7.6	-24.6	-10.5	9.9	-9.5	7.2
RESIDENTIAL CONSTRUCTION	26.9	25.2	80.1	11.9	35.7	12.2	-1.9	11.0	-18.6	-21.9	-29.6	7.1	8.1	30.5
NON-RESIDENTIAL CONSTRUCTION	28.5	39.3	16.4	25.6	15.9	42.5	39.1	24.3	-3.7	-27.1	-5.1	17.3	-13.8	-1.5
MACHINERY AND EQUIPMENT	35.7	21.1	54.8	-1.1	19.7	24.1	5.8	41.7	-7.0	-21.8	-8.2	-1.2	-5.5	9.7
EXPORTS OUT OF ALBERTA	74.8	13.6	6.6	13.1	15.9	30.0	25.7	12.3	8.9	6.3	9.0	4.2	-28.4	4.6
IMPORTS INTO ALBERTA	27.9	22.9	24.3	11.8	18.3	22.5	17.9	25.0	1.7	-6.4	0.4	9.3	-4.2	4.5
GROSS DOMESTIC PRODUCT AT MARKET PRICES	40.8	18.3	15.2	13.1	16.4	24.4	20.9	16.5	6.2	2.8	6.6	7.4	-9.9	3.6

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

TABLE 5

GROSS DOMESTIC PRODUCT IN CONSTANT (1981) DOLLARS

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
						(MILLIONS OF DOLLARS)								
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	13,628	14,411	15,574	16,088	16,640	18,029	19,421	20,525	20,001	20,111	20,562	21,629	22,138	22,238
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES	4,302	4,618	4,890	5,109	5,224	5,733	5,818	6,282	6,530	6,738	7,190	7,457	7,316	7,179
GROSS FIXED CAPITAL FORMATION	8,174	9,423	11,635	12,170	13,529	15,484	16,458	19,440	17,752	13,668	12,083	12,982	11,900	12,318
GOVERNMENT	921	1,152	1,056	1,160	1,205	1,307	1,394	2,192	2,457	2,145	1,810	2,022	2,006	1,711
BUSINESS	7,259	8,267	10,592	11,030	12,346	14,221	14,904	17,248	15,095	11,523	10,273	10,960	9,902	10,607
RESIDENTIAL CONSTRUCTION	1,496	1,624	2,583	2,859	3,642	3,802	3,427	3,416	2,800	2,350	1,766	1,897	1,921	2,392
NON-RESIDENTIAL CONSTRUCTION	3,176	3,932	4,048	4,656	4,889	6,111	7,443	8,697	7,868	5,814	5,552	6,276	5,436	5,414
MACHINERY AND EQUIPMENT	2,498	2,661	3,798	3,457	3,755	4,264	4,086	5,135	4,427	3,359	2,955	2,787	2,545	2,801
ADJUSTING ENTRY	89	50	163	58	60	44	-52	-	-	-	-	-	-	-
ADJUSTING ENTRY	-6	4	-13	-20	-22	-44	-40	-	-	-	-	-	-	-
INVENTORIES	475	345	570	233	599	872	614	88	-1,050	-356	-239	42	1,006	154
NON-FARM	592	259	407	395	364	838	466	118	-1,052	-410	110	132	179	136
FARM	-156	37	154	-55	201	56	111	7	-5	-182	-327	30	704	3
GRAIN IN COMMERCIAL CHANNELS	39	49	9	-107	34	-22	37	-32	7	36	-22	-120	173	15
EXPORTS OUT OF ALBERTA	20,606	19,893	19,346	19,930	20,639	22,612	23,041	23,789	23,737	23,975	25,824	27,472	26,795	29,188
IMPORTS INTO ALBERTA	-10,030	-10,993	-13,196	-13,437	-14,156	-15,276	-15,979	-18,381	-17,693	-16,172	-15,367	-16,433	-15,181	-15,668
RESIDUAL	-789	-826	-1,028	-611	-466	-1,012	-1,091	-1,230	-901	-283	259	417	717	1,288
ADJUSTING ENTRY	-2,144	-1,775	-1,163	-1,017	-1,216	-1,132	-752	-	-	-	-	-	-	-
GROSS DOMESTIC PRODUCT AT MARKET PRICES	34,222	35,096	36,620	38,465	40,793	45,310	47,530	50,513	48,376	47,481	50,312	53,566	54,699	56,697

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

NOTE: DATA FOR 1961 TO 1987 FOR THIS TABLE CAN BE RETRIEVED FROM ASIST, MATRIX 6102

TABLE 6

IMPLICIT PRICE INDEXES, GROSS DOMESTIC PRODUCT, 1981=100

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	51.1	57.0	61.7	67.2	73.6	80.0	88.5	100.0	111.6	117.1	119.3	123.0	127.5	132.4
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES	47.3	54.7	61.9	66.0	71.9	78.7	86.2	100.0	112.6	121.9	126.8	132.5	137.2	143.5
GROSS FIXED CAPITAL FORMATION	49.5	56.2	62.7	67.7	73.9	81.8	91.9	100.0	105.8	104.4	104.4	107.2	107.5	107.9
GOVERNMENT	51	59.3	65.9	71.3	75.6	82.3	89.6	100.0	107.0	105.6	103.5	104.1	105.6	107.2
BUSINESS	49.0	55.8	62.3	67.2	73.6	81.5	91.9	100.0	105.6	104.2	104.6	107.8	107.9	108.0
RESIDENTIAL CONSTRUCTION	54.6	63.0	71.3	72.1	76.8	82.5	89.8	100.0	99.3	92.4	86.6	86.3	92.1	96.5
NON-RESIDENTIAL CONSTRUCTION	47.1	53.0	59.9	65.4	72.2	82.3	94.0	100.0	106.5	105.0	104.3	108.2	105.2	104.1
MACHINERY AND EQUIPMENT	49.8	56.6	61.4	66.7	73.5	80.3	88.7	100.0	107.8	111.1	115.9	121.5	125.7	125.2
EXPORTS OUT OF ALBERTA	39.6	46.6	51.1	56.1	62.8	74.5	91.9	100.0	109.1	114.9	116.3	114.0	83.7	88.4
IMPORTS INTO ALBERTA	50.2	56.3	58.3	64.0	71.9	81.6	92.0	100.0	105.7	108.2	114.4	116.9	121.1	122.7
GROSS DOMESTIC PRODUCT AT MARKET PRICES	46.9	54.1	59.7	64.3	70.6	79.1	91.2	100.0	110.8	116.1	116.7	117.7	103.9	103.8

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

NOTE: DATA FOR 1961 TO 1987 FOR THIS TABLE CAN BE RETRIEVED FROM AGIST, MATRIX 6104

TABLE 7

PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT

IN CONSTANT (1981) DOLLARS, SELECTED COMPONENTS

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
						(PERCENT)								
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	9.3	5.7	8.1	3.3	3.4	8.3	7.7	5.7	-2.6	0.6	2.2	5.2	2.4	0.5
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES	6.2	7.3	5.9	4.5	2.3	9.7	1.5	8.0	3.9	3.2	6.7	3.7	-1.9	-1.9
GROSS FIXED CAPITAL FORMATION	12.7	15.3	23.5	4.6	11.2	14.5	6.3	18.1	-8.7	-23.0	-11.6	7.4	-8.3	3.4
GOVERNMENT	22.6	25.1	-8.3	9.8	3.9	8.5	22.0	37.5	21.2	-19.3	-15.6	11.7	-0.8	-14.7
BUSINESS	11.6	13.9	28.1	4.1	11.9	15.2	4.8	15.7	-12.5	-23.7	-10.8	6.7	-9.7	7.1
RESIDENTIAL CONSTRUCTION	1.8	8.6	59.1	10.7	27.4	4.4	-9.9	-0.3	-18.0	-16.1	-24.9	7.4	1.3	24.5
NON-RESIDENTIAL CONSTRUCTION	8.6	23.8	3.0	15.0	5.0	25.0	21.8	16.8	-9.5	-26.1	-4.5	13.0	-13.4	-0.4
MACHINERY AND EQUIPMENT	20.7	6.5	42.7	-9.0	8.6	13.6	-4.2	25.7	-13.8	-24.1	-12.0	-5.7	-8.7	10.1
EXPORTS OUT OF ALBERTA	2.4	-3.5	-2.7	3.0	3.6	9.6	1.9	3.2	-0.2	1.0	7.7	6.4	-2.5	8.9
IMPORTS INTO ALBERTA	8.8	9.6	20.0	1.8	5.4	7.9	4.6	15.0	-3.7	-8.6	-5.0	6.9	-7.6	3.2
GROSS DOMESTIC PRODUCT AT MARKET PRICES	6.9	2.6	4.4	5.0	6.1	11.1	4.9	6.3	-4.2	-1.9	6.0	6.5	2.1	3.7

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

TABLE 8

PERCENTAGE CHANGE FOR IMPLICIT PRICE INDEXES, 1981=100

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987(1)
						(PERCENT)								
PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES	9.9	11.5	8.2	8.9	9.5	8.7	10.4	13.0	11.6	4.9	1.9	3.1	3.7	3.8
GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES	12.1	15.6	13.2	6.6	8.9	9.5	9.5	16.0	12.6	8.3	4.0	4.5	3.5	4.6
GROSS FIXED CAPITAL FORMATION	17.3	13.5	11.6	8.0	9.2	10.7	12.3	8.8	5.8	-1.3	-	2.7	0.3	0.4
GOVERNMENT	18.3	11.7	11.1	8.2	6.0	8.9	8.9	11.6	7.0	-1.3	-2.0	0.6	1.4	1.5
BUSINESS	16.9	13.9	11.6	7.9	9.5	10.7	12.8	8.8	5.6	-1.3	0.4	3.1	0.1	0.1
RESIDENTIAL CONSTRUCTION	24.7	15.4	13.2	1.1	6.5	7.4	8.8	11.4	-0.7	-6.9	-6.3	-0.3	6.7	4.8
NON-RESIDENTIAL CONSTRUCTION	18.3	12.5	13.0	9.2	10.4	14.0	14.2	6.4	6.5	-1.4	-0.7	3.7	-2.8	-1.0
MACHINERY AND EQUIPMENT	12.4	13.7	8.5	8.6	10.2	9.3	10.5	12.7	7.8	3.1	4.3	4.8	3.5	-0.4
EXPORTS OUT OF ALBERTA	70.7	17.7	9.7	9.8	11.9	18.6	23.4	8.8	9.1	5.3	1.2	-2.0	-26.6	-3.9
IMPORTS INTO ALBERTA	17.6	12.2	3.6	9.8	12.3	13.5	12.7	8.7	5.7	2.4	5.7	2.3	3.8	1.4
GROSS DOMESTIC PRODUCT AT MARKET PRICES	31.7	15.4	10.4	7.7	9.8	12.0	15.3	9.6	10.8	4.8	0.5	0.9	-11.8	-0.1

(1) PRELIMINARY - SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

TABLE 9

GROSS DOMESTIC PRODUCT AT FACTOR COST (1), BY INDUSTRY

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	(MILLIONS OF DOLLARS)													
AGRICULTURE (2)	1,090	1,153	1,106	906	1,259	1,601	1,809	1,902	1,827	1,540	1,573	1,625	2,458	2,274
FORESTRY (3)	35	36	44	47	56	74	84	99	116	110	115	122	125	151
MINING	2,679	3,289	3,745	4,810	5,595	7,735	9,981	9,284	10,420	12,531	14,674	15,961	9,347	11,210
MANUFACTURING	1,116	1,352	1,505	1,635	1,990	2,452	2,875	3,686	3,438	3,576	3,939	4,219	4,287	4,645
CONSTRUCTION	1,029	1,335	1,613	1,892	2,047	2,492	3,015	4,109	4,088	3,219	2,720	2,826	2,770	3,014
TRANSPORTATION (4)	1,018	1,189	1,388	1,648	1,879	2,243	2,633	2,935	3,342	3,439	3,626	3,895	4,135	4,314
UTILITIES	230	337	417	484	616	781	751	1,012	1,347	1,520	1,766	1,934	1,986	1,968
TRADE (5)	1,335	1,558	1,809	1,923	2,188	2,629	3,199	3,731	3,910	3,984	4,361	4,752	5,010	5,291
FINANCE (6)	2,173	2,869	3,681	4,508	5,814	6,777	8,407	9,920	10,972	12,103	13,128	13,914	12,135	11,434
FINANCE - EXCLUDING NATURAL RESOURCE ROYALTIES	1,182	1,476	1,885	2,344	3,047	3,568	4,497	5,849	6,455	7,251	8,074	9,001	9,421	9,496
SERVICES (7)	2,160	2,676	3,183	3,627	4,197	4,949	5,885	7,187	8,285	8,625	9,150	9,795	10,288	10,949
PUBLIC ADMINISTRATION (8)	744	924	1,076	1,220	1,368	1,564	1,802	2,173	2,552	2,933	3,020	3,112	3,222	3,447
GROSS DOMESTIC PRODUCT AT FACTOR COST	13,609	16,717	19,566	22,708	27,009	33,297	40,521	46,036	50,295	53,581	58,069	62,155	55,862	58,807

(1) GDP AT MARKET PRICE IS OBTAINED BY ADDING INDIRECT TAXES LESS SUBSIDIES, PLUS RESIDUAL; SEE TABLE 1
(2) INCLUDES FISHING AND TRAPPING
(3) INCLUDES ONLY LOGGING AND SERVICES INCIDENTAL TO FORESTRY; EXCLUDES SAWMILLS, PULP AND PAPER MILLS, ETC. WHICH ARE INCLUDED IN MANUFACTURING
(4) INCLUDES STORAGE AND COMMUNICATIONS
(5) INCLUDES RETAIL AND WHOLESALE TRADE
(6) INCLUDES INSURANCE AND REAL ESTATE; ALSO INCLUDES NATURAL RESOURCE ROYALTIES
(7) INCLUDES COMMUNITY, BUSINESS AND PERSONAL SERVICES
(8) INCLUDES FEDERAL, PROVINCIAL AND LOCAL GOVERNMENT ADMINISTRATION; DOES NOT INCLUDE PUBLIC SCHOOLS, PUBLIC HOSPITALS, AND MUNICIPAL WATER WORKS WHICH, ALONG WITH PUBLIC ADMINISTRATION, ARE INCLUDED IN THE GOVERNMENT SECTOR

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988

NOTES: COMPONENTS MAY NOT ADD TO TOTALS DUE TO ROUNDING.
DATA FOR 1961 TO 1987 FOR THIS TABLE CAN BE RETRIEVED FROM ASIST, MATRIX 6101

TABLE 10

PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT

AT FACTOR COST, BY INDUSTRY

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
							(PERCENT)							
AGRICULTURE (2)	25.3	5.8	-4.1	-18.1	39.0	27.2	18.0	0.7	-3.9	-15.7	2.1	3.3	51.3	-7.5
FORESTRY (3)	40.0	2.9	22.2	6.8	19.1	32.1	13.5	17.9	17.2	-5.2	4.5	6.1	2.5	20.8
MINING	38.2	22.8	13.9	28.4	16.3	38.2	29.0	-7.0	12.2	20.3	17.1	8.8	-41.4	19.9
MANUFACTURING	27.1	21.1	11.3	8.6	21.7	23.2	17.3	28.2	-6.7	4.0	10.2	7.1	1.6	8.4
CONSTRUCTION	30.4	29.7	20.8	17.3	8.2	21.7	71.0	36.3	-0.5	-21.3	-15.5	3.9	-2.0	8.8
TRANSPORTATION (4)	19.8	16.8	16.7	18.7	14.0	19.4	17.4	11.5	13.9	2.9	5.4	7.4	6.2	4.3
UTILITIES	10.6	46.5	23.7	16.1	27.3	26.8	-3.8	34.8	33.1	12.8	16.2	9.5	2.7	-0.9
TRADE (5)	29.6	16.7	16.1	6.3	13.8	20.2	21.7	16.6	4.8	1.9	9.5	9.0	5.4	3.8
FINANCE (6)	52.5	32.0	28.3	22.5	29.0	16.6	24.1	18.0	10.6	10.3	8.5	6.0	-12.8	-4.1
FINANCE - EXCLUDING NATURAL RESOURCE ROYALTIES	19.0	24.9	27.7	24.4	30.8	16.3	26.0	30.1	10.4	13.9	9.8	11.5	4.7	0.8
SERVICES (7)	19.8	23.9	18.9	13.9	15.7	17.9	18.9	22.1	15.3	4.1	6.1	7.0	5.0	6.4
PUBLIC ADMINISTRATION (8)	21.4	24.2	16.5	14.1	11.4	14.3	15.2	20.6	17.4	14.9	3.0	3.0	6.7	3.8
GROSS DOMESTIC PRODUCT AT FACTOR COST	30.5	22.8	17.0	16.1	18.9	23.3	21.7	13.6	9.3	6.5	8.4	7.0	-10.1	5.3

SOURCE: ALBERTA BUREAU OF STATISTICS, AUGUST, 1988